

Form PTO-1449 (modified)

JUL 06 2000

Atty. Docket No.

IOWA:022/SLH

Serial No.

09/448,613

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant

Paul McCray *et al.*

Filing Date:

November 22, 1999

Group:

Unknown

## Documents

See Page 1

## Foreign Patent Documents

See Page 1

## Other Art

See Page 2

## Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
1	A1	5,139,941	Aug. 18, 1992	Muzyczka <i>et al.</i>	435	172.3	Oct. 25, 1991
1	A2	5,196,335	Mar. 23, 1993	Groner	435	240.2	Jul. 2, 1990
	A3	5,252,479	Oct. 12, 1993	Srivastava	435	235.1	Nov. 8, 1991
	A4	5,354,855	Oct. 11, 1994	Cech <i>et al.</i>	536	24.1	Feb. 28, 1992
	A5	5,359,046	Oct. 25, 1994	Capon <i>et al.</i>	536	23.4	Dec. 9, 1992
	A6	5,543,399	Aug. 6, 1996	Riordan <i>et al.</i>	514	21	Feb. 17, 1993
1	A7	5,641,662	Jun. 24, 1997	Debs <i>et al.</i>	435	172.1	Mar. 10, 1993
1	A8	5,756,353	May, 26, 1998	Debs	435	375	Jun. 7, 1995

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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
1	B1	WO 90/07469	July 12, 1990	PCT			
1	B2	WO 93/12240	Jun. 24, 1993	PCT			
1	B3	WO 96/22765	Aug. 1, 1996	PCT			
1	B4	WO 96/27393	Sep. 12, 1996	PCT			
1	B5	WO 96/32116	Oct. 17, 1996	PCT			

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Exam. Init.	Ref. Des.	Citation
1	C1	Alexander <i>et al.</i> , "DNA-damaging agents greatly increase the transition of nondividing cells by adeno-associated virus vectors," <i>J. Virol.</i> , 68, 8282-8287, 1994.
1	C2	Alexander <i>et al.</i> "Transfer of contaminants in adeno-associated virus vector stocks can mimic transduction and lead to artifactual results," <i>Hum. Gene Ther.</i> , 8:1911-1920, 1997.

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See Page 1

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See Page 1

Other Art

See Page 2

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13	C3	Anderson <i>et al.</i> , "Demonstration that CFTR is a chloride channel by alteration of its anion selectivity," <i>Science</i> , 253:202-205, 1991.
13	C4	Anderson and Van Itallie, "Tight junctions and the molecular basis for regulation of paracellular permeability," <i>Am. J. Physiol.</i> , 269:G467-G475, 1995.
25	C5	Basak and Compans, "Polarized entry of canine parvovirus in an epithelial cell line," <i>J. Virol.</i> , 63:3164-3167, 1989.
	C6	Bhat <i>et al.</i> , "Regulation of tight junction permeability by calcium mediators and cell cytoskeleton in rabbit tracheal epithelium," <i>Pharm. Res.</i> , 10:991-997, 1993.
	C7	Blau and Compans, "Entry and release of measles virus are polarized in epithelial cells," <i>Virology</i> , 210:91-99, 1995.
	C8	Bosch <i>et al.</i> , "Proliferation induced by keratinocyte growth factor enhances <i>in vivo</i> retroviral-mediated gene transfer to mouse hepatocytes," <i>J. Clin. Invest.</i> , 98:2683-2687, 1996.
	C9	Bosch <i>et al.</i> , "Effects of keratonocyte and hepatocyte growth factor <i>in vivo</i> : Implication for retrovirus-mediated gene transfer to liver," <i>Hum. Gene Ther.</i> , 9:1747-1754, 1998.
	C10	Boucher <i>et al.</i> , "Airway transepithelial electric potential <i>in vivo</i> : species and regional differences," <i>J. Appl. Physiol.</i> , 48:169-176, 1980.
	C11	Bowles <i>et al.</i> , "A simple and efficient method for the concentration and purification of recombinant retrovirus for increased hepatocyte transduction <i>in vivo</i> ," <i>Hum. Gene Ther.</i> , 7:1735-1742, 1996.
	C12	Cereijido <i>et al.</i> , "Role of tight junctions in establishing and maintaining cell polarity," <i>Annu. Rev. Physiol.</i> , 60:161-177, 1998.
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PS	C15	Clayson and Compans, "Entry of simian virus 40 is restricted to apical surfaces of polarized epithelial cells," <i>Mol. Cell Biol.</i> , 8:3391-3396, 1988.

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See Page 1

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See Page 1

Other Art

See Page 2

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RS	C16	Colledge <i>et al.</i> , "Generation and characterization of a ΔF508 cystic fibrosis mouse model," <i>Nature Genet.</i> , 10:445-452, 1995.
	C17	Denker and Nigam, "Molecular structure and assembly of the tight junction," <i>Am J Physiol</i> , 274:F1-F9, 1998.
	C18	Drumm <i>et al.</i> , "Correction of the cystic fibrosis defect <i>in vitro</i> by retrovirus-mediated gene transfer," <i>Cell</i> , 62:1227-1233, 1990.
	C19	Duan <i>et al.</i> , "Structural and functional heterogeneity of integrated recombinant AAV genomes" <i>Virus Res.</i> , 48:41-56, 1997.
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	C24	Furuse <i>et al.</i> , "Claudin-1 and -2: Novel integral membrane proteins localizing at tight junctions with no sequence similarity to occludin," <i>J. Cell Biol.</i> , 141:1539-1550, 1998.
	C25	Furuse <i>et al.</i> , "Occludin: a novel integral membrane protein localizing at tight junctions." <i>J. Cell Biol.</i> , 123:1777-1788, 1993.
	C26	Furuse <i>et al.</i> , "A single gene product, claudin-1 or -2, reconstitutes tight junction strands and recruits occludin in fibroblasts," <i>J. Cell Biol.</i> , 143:391-401, 1998.
	C27	Goldman <i>et al.</i> , "Lentiviral vectors for gene therapy of cystic fibrosis," <i>Hum. Gene Ther.</i> , 8:2261-2268, 1997.
RS	C28	Green and Jones, "Desmosomes and hemidesmosomes: structure and function of molecular components," <i>FASEB J.</i> , 10:871-881, 1996.

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See Page 1

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See Page 1

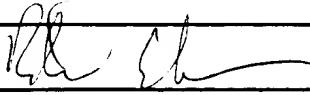
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RS	C30	Gumbiner, "Breaking through the tight junction barrier," <i>J. Cell Biol.</i> , 123:1631-1633, 1993.
RS	C31	Halbert <i>et al.</i> , "Retroviral vectors efficiently transduce basal and secretory airway epithelial cells <i>in vitro</i> resulting in persistent gene expression in organotypic culture," <i>Hum. Gene Ther.</i> , 7:1871-1881, 1996.
	C32	Halbert <i>et al.</i> , "Adeno-associated virus vectors transduce primary cells much less efficiently than immortalized cells," <i>J. Virol.</i> , 69:1473-1479, 1995.
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	C35	Housley <i>et al.</i> , "Keratinocyte growth factor induces proliferation of hepatocytes and epithelial cells throughout the rat gastrointestinal tract," <i>J. Clin. Invest.</i> , 94:1764-1777, 1994.
	C36	Inayama <i>et al.</i> , "The differentiation potential of tracheal basal cells," <i>Lab. Invest.</i> , 58:706-717, 1988.
	C37	Jarnigan <i>et al.</i> , "Bioelectric properties and ion transport of excised rabbit trachea," <i>J. Appl. Physiol.</i> , 55:1884-1892, 1983.
	C38	Johnson and Hubbs, "Epithelial progenitor cells in the rat trachea," <i>Am. J. Respir. Cell Mol. Biol.</i> , 3:579-585, 1990.
	C39	Johnson <i>et al.</i> , "Effect of host modification and age on airway epithelial gene transfer mediated by a murine leukemia virus-derived vector," <i>J. Virol.</i> , 72:8861-8872, 1998.
	C40	Johnson <i>et al.</i> , "Efficiency of gene transfer for restoration of normal airway epithelial function in cystic fibrosis," <i>Nature Genet.</i> , 2:21-25, 1992.
RS	C41	Johnston <i>et al.</i> , "Minimum requirements for efficient transduction of dividing and nondividing cells by feline immunodeficiency virus vectors," <i>J. Virol.</i> , 73:4991-5000, 1999.

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## Documents

*See Page 1*

## Foreign Patent Documents

*See Page 1*

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*See Page 2*

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	C43	Kaplan <i>et al.</i> , "Humoral and cellular immune responses of nonhuman primates to long-term repeated lung exposure to Ad2/CFTR-2," <i>Gene Ther.</i> , 3:117-127, 1996.
	C44	Kent <i>et al.</i> , "Phenotypic abnormalities in long-term surviving cystic fibrosis mice," <i>Pediatr. Res.</i> , 40:233-241, 1996.
	C45	Kitten <i>et al.</i> , "Highly efficient retrovirus-mediated gene transfer into rat hepatocytes <i>in vivo</i> ," <i>Hum. Gene Ther.</i> , 8:1491-1494, 1997.
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	C48	Leigh <i>et al.</i> , "Cell proliferation in bronchial epithelium and submucosal glands of cystic fibrosis patients," <i>Am. J. Respir. Cell Mol. Biol.</i> , 12:605-612, 1995.
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	C50	Mason <i>et al.</i> , "Hepatocyte growth factor is a growth factor for a rat alveolar type cells," <i>Am. J. Respir. Cell Mol. Biol.</i> , 11:561-567, 1994.
	C51	McCormack <i>et al.</i> , "Anti-vector immunoglobulin induced by retroviral vectors," <i>Hum. Gene Ther.</i> , 8:1263-1273, 1997.
	C52	McCray <i>et al.</i> , "Expression of CFTR and a cAMP-stimulated chloride secretory current in cultured human fetal alveolar epithelial cells," <i>Am. J. Respir. Cell Mol. Biol.</i> , 9:578-585, 1993.
	C53	McCray <i>et al.</i> , "Alveolar macrophages inhibit retrovirus-mediated gene transfer to airway epithelia," <i>Gene Ther.</i> , 8:1087-1093, 1997.
<i>PS</i>	C54	McCray Jr. <i>et al.</i> , "Adenoviral-mediated gene transfer to fetal pulmonary epithelia <i>in vitro</i> and <i>in vivo</i> ," <i>Clin. Invest.</i> , 95:2620-2632, 1995.

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Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
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1	C56	McCray Jr. <i>et al.</i> , "Efficient killing of inhaled bacteria in deltaF508 mice: role of airway surface liquid composition," <i>Am. J. Physiol.</i> , 277:L183-L190, 1999.
	C57	Miller and Miller, "A family of retroviruses that utilize related phosphate transporters for cell entry," <i>J. Virol.</i> , 68:8270-8276, 1994.
	C58	Miller, <i>et al.</i> , "Cloning of the cellular receptor for amphotrophic murine retroviruses reveals homology to that for gibbon ape leukemia virus," <i>Proc. Nat'l Acad. Sci. USA</i> , 91:78-82, 1994.
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See Page 1

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See Page 2

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	C71	Scaria <i>et al.</i> , "Adenovirus-mediated persistent cystic fibrosis transmembrane conductance regulator expression in mouse airway epithelium," <i>J. Virol.</i> , 72:7302-7309, 1998.
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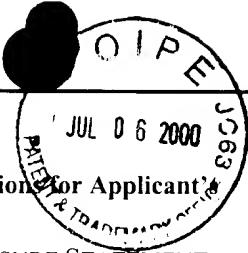
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See Page 1

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See Page 1

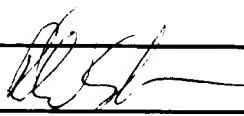
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	C83	Wang <i>et al.</i> , "Influence of cell polarity on retrovirus-mediated gene transfer to differentiated human airway epithelia," <i>J. Virol.</i> , 72:9818-9826, 1998.
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List of Patents and Publications for Applicant

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date: November 22, 1999	Group: Unknown
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## Documents

See Page 1

## Foreign Patent Documents

See Page 1

## Other Art

See Page 2

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PS	C95	Zeiher <i>et al.</i> , "A mouse model for the ΔF508 allele of cystic fibrosis," <i>J. Clin. Invest.</i> 96:2051-2064, 1995.
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